

Fax Cover Sheet

S&S GARAGE
50 No. Walnut Ln.
Green River, UT.
84525-0480
Phone (435)564-3291
Fax (435)564-3281

RECEIVED

APR 23 2015

DIV. OF OIL, GAS & MINING

Recipient's Name	Wayne Western
Organization	Dept. of Oil Gas and Mining
Fax Number	801-359-3940
Telephone Number	801-538-3940
Date	4/23/15
Subject	Permit

Total Number of Pages: 15

☐

Urgent

☐

Reply ASAP

☐

Please Comment

☐

For Your Records

Comments:

Form MR-SMO
(Revised July 25, 2012)

This Section for DOGM Use:

Assigned DOGM File No.: S/O

DOGM Lead:

Permit Fee \$ Ck#

**STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING**

1594 West North Temple Suite 1210

Box 145801

Salt Lake City, Utah 84114-5801

Telephone: (801) 538-5291 Fax: (801) 359-3940

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APR 23 2015

DIV. OF OIL, GAS & MINING

NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS

The information requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program (R647). The rules and Act are available online at <http://www.rules.utah.gov/publicat/code/r647/r647.htm> and http://le.utah.gov/~code/TITLE40/40_08.htm.

Cultural Resources Survey: To fulfill its obligations under Utah Code Annotated 9-8-404, the Division needs cultural resource (archaeology) information. The amount and type of information required will depend on the mine location, the history of previous disturbance, and other factors. Please contact the Division for further information.

A permit fee of \$150 must accompany this application (Utah Code Ann. §40-8-7(1)(i)) and is due annually.

"Small Mining Operations" are operations which have a disturbed area of ten or fewer surface acres at any time in unincorporated areas, or five acres or fewer in incorporated areas.

I. GENERAL INFORMATION (Rule R647-3-104)

1. Name of Mine: SILLIMANTON QUARRY
- 2.A. Name of Entity Applying for a Permit: SANDRA K. SILLIMAN
- Contact (Authorized Officer): MICHAEL SILLIMAN
- Mailing Address: P.O. Box 480
- City, State, Zip: GREEN RIVER, UT 84525
- Phone: 435-564-3269 Fax: 435-564-3310 Cell: 970-261-7139
- E-mail Address: deere@etv.net (BEST WAY TO CONTACT ME)

Entity is a: ☐ Corporation, ☐ LLC, ☒ Sole Proprietorship (dba), ☐ Individual, ☐ Partnership (General, or limited), ☐ Other (specify type)

Business Entity (not individuals) must be registered (and maintain registration) with the State of Utah, Division of Corporations (DOC) If not currently registered, contact www.commerce.utah.gov to renew or apply.

- 2.B. Are you currently registered to do business in the State of Utah? ☒ Yes ☐ No

Business Entity #:

Local Business License #: 077 (if required)

Issued by: County: _____ or City: GREEN RIVER CITY

Registered Utah Agent (as identified with the Utah DOC) (if individual leave blank):

Name: _____ Title: _____

Address: _____

City, State, Zip: _____

Phone: _____ Fax: _____

E-mail Address: _____

Page 2 of 7

- 2.C. Entity's Representative(s) (if different from #2A) authorized and designated to receive notices of violation, cessation orders, and all other notices to be given to the permittee or operator by the Division.

Name: MICHAEL B. SILLIMAN Title: MGR.
Address: P.O. Box 480
City, State, Zip: GREEN RIVER, UT. 84525
Phone: Cell # 970-261-6139 Fax: 435-564-3310
Emergency, Weekend, or Holiday Phone: _____
E-mail Address: sns@ctv.net

Name: _____ Title: _____
Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
Emergency, Weekend, or Holiday Phone: _____
E-mail Address: _____

3. If Business is a Sole Proprietor (dba) or Individual:

Name of Owner: SANDRA H. SILLIMAN Title: OWNER
Business Address: 50 N. WALNUT AVE. - Box 480
City, State, Zip: GREEN RIVER, UT. 84525
Phone: Cell # 970-261-7139 Fax: 435-564-3281
E-mail Address: deere@ctv.net

If Business is a Corporation:

Name of Officers: _____ Title: _____
Name: _____ Title: _____
Name: _____ Title: _____
Name: _____ Title: _____
Headquarters Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

If Business is a Limited Liability Company: Member Managed (☐) Manager Managed (☐)

Name of 1st Member/Manager: _____ Title: _____
Business Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

Name of 2nd Member/Manager: _____ Title: _____
Business Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

If Business is a Partnership:

Names of Partners: _____
Business Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

If Business is a Partnership:

Names of Partners: _____
Business Address: _____
City, State, Zip: _____
Phone: _____ Fax: _____
E-mail Address: _____

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5. Ownership of Land Surface:

Private (Fee) (☒) BLM (☐) US Forest Service (☐)
 State Trust Land/School Sections (☐) State Sovereign Lands (☐)
 Other (please describe): _____

Name _____ Address _____
 Name _____ Address _____
 Name _____ Address _____
 Name _____ Address _____

6. Ownership of Minerals:

Private (Fee) (☒) BLM (☐) US Forest Service (☐)
 State Trust Land/School Sections (☐) State Sovereign Lands (☐)
 Other (please describe): _____

Name _____ Address _____
 Name _____ Address _____
 Name _____ Address _____
 Name _____ Address _____

BLM Claim Number(s): _____

Utah State Lease Number(s): _____

BLM/USFS Lease or Project File Number(s): _____

Name of Lessee(s): _____

7. Have the above surface and mineral owners been notified in writing? Yes _____ No ☒
 If no, why not? I PERSONALLY OWN LAND.

8. Does the Entity have legal right to enter and conduct mining operations on the land covered by this notice? Yes ☒ No _____

What is the pre-mining land use, i.e. cropland, grazing, wildlife habitat? PILE of ROCKSWhat is the postmining land use? TO USE MORE ROCKS IF NEEDED.

Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration prior to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.

II. PROJECT LOCATION & MAP (Rule R647-3-105)

- 1.
- Project Location & Map
- (legal description):

County(ies): EMERY (PROPERTY I.D. # 6-79-1) BOOK 6 Pg. 79

____ 1/4, of ____ 1/4, of ____ 1/4, Section: 21 Township: 21 S Range: 16 E
 ____ 1/4, of ____ 1/4, of ____ 1/4, Section: _____ Township: _____ Range: _____
 ____ 1/4, of ____ 1/4, of ____ 1/4, Section: _____ Township: _____ Range: _____

UTM East: _____ (if known) UTM North: _____ (if known)

Name of Quad Map for Location: _____

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2. Is the project within an incorporated area? () Yes (X) No

If yes, what is the town or city? _____

3. Location and Operations maps must be plotted at a scale to accurately identify locational landmarks and operations details. All maps must include a north arrow, scale, appropriate labels, and title box including the mine name, township, range and section.

a. The general location map must be the scale of a USGS 7.5 minute series map or equivalent (1"=2000') and identify new or existing access roads.

b. The operations map (1"=200' or other scale as determined necessary by the Division) must be labeled and identify:

- The area to be disturbed;
- The location of any existing or proposed operations including access roads, drill holes, trenches, pits, shafts, cuts, or other planned activities; and
- Any adjacent previous disturbance for which the operator is not responsible.

(Contact the Division for a list of consultants and land surveyors for mapping assistance.)

4. The proposed (5 acre or less) disturbed area (including access/haul roads) should be marked ON THE GROUND with metal T-Posts (or with some other marker of equal effectiveness). Markers should be appropriately spaced so that the next marker in either direction is clearly visible with the naked eye.

III. OPERATION PLAN (Rule R647-3-106)

1. Type of mining: Surface (X) Underground ()

2. Mineral(s) to be mined: RIP RAP ROCK

3. Amount of material to be extracted, moved, or proposed to be moved: QUANTITY TO BE DETERMINED.

4. Will any water, liquid chemicals, reagents, or other solutions be used, produced or discharged as part of the mining or milling process? Yes () No (X) If yes, please describe (add extra pages if needed): _____

5. Provide a brief description of the proposed mining operation, and onsite processing facilities (add extra pages if necessary). RIP RAP ROCK DUG OUT BY EXCAVATOR & LOADED INTO DUMP TRUCKS & HAULED TO SITE.

6. () New Road(s): Length _____ (ft), Width _____ (ft)

7. () Improved Road(s): Describe improvements that need to be made to existing roads to access the site, including the Length _____ (ft) and Width _____ (ft) of new disturbances.

NONE - PERMANENT ROAD TO BE LEFT AS IS.

8. Total project surface acreage to be disturbed: 2 ACRES (acres) PLEASE SPECIFY EXACT ACREAGE (this will be used to determine surety bond amount - see #VI).

9. Proposed startup date (month, year): 05/15 TO BE DETERMINED

10. Proposed completion, if known (month, year): UNKNOWN

IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover or within practical limits. To accomplish this, the Permittee / Operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining. Please refer to The Practical Guide to Reclamation in Utah, available at: https://fs.ogm.utah.gov/pub/MINES/Coal_Related/RecMan/Reclamation_Manual.pdf.

1. *Keep the mining operation in a safe, clean, and environmentally stable condition.*
2. *Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.*
3. *Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.*
4. *Construct berms, fences, or barriers, when needed, above highwalls and excavations.*
5. *Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.*
6. *Remove all waste or debris from stream channels.*
7. *Dispose of any trash, scrap metal, wood, machinery, and buildings.*
8. *Conduct mining activities so as to minimize erosion and control sediment.*
9. *Reclaim all roads that are not part of a permanent transportation system.*
10. *Stockpile topsoil and suitable overburden prior to mining.*
11. *Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.*
12. *Properly prepare seedbed to a depth of six inches by packing, ripping, discing, or harrowing. Leave the surface rough.*
13. *Reseed disturbed areas with adaptable species. (The Division recommends a mixture of species of grass, forb, and browse seed, and will provide a specific species list if requested.)*
14. *Plant the seed with a rangeland or farm drill, or broadcast the seed. Fall is the preferred time to seed.*

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V. VARIANCE REQUEST (Rule R647-3-110)**Any variance must be approved writing in advance by the Division**

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above (see IV. Operation and Reclamation Practices Item # 1-14), should be identified below listing applicable rule number. Give justification for the variance(s) and alternate methods or measures to be utilized to meet the intent of the rule. Written approval from the Division will be given, if the proposed alternative methods to be used are consistent with the Act.

Are variances being requested? Yes (X) No ()

Variance Requested

Item # PERMANENT ESTABLISHED ROAD NOT TO BE DISTURBED OR RECLAIMED
Applicable Rule
Justification: DIG SITE TO BE PARTIALLY CLEANED UP BUT NOT RECLAIMED AT
45° ANGLE DUE TO CONTINUED USE FOR SMALL PRIVATE PROJECTS.

Alternate methods or measure to be utilized: VERY LITTLE TO VEGETATION ON ROCKY
HILL SIDE.

Attach additional page(s) if more variances are requested.

VI. SURETY (Utah Code Ann. §40-8-7(1)(c))

A reclamation contract and surety must be provided to and approved by the Division prior to commencement of operations. No surface disturbance is authorized until the surety is posted and approved in writing. The surety may be provided in the form of a certificate of deposit, a letter of credit, a surety bond, or cash. Please contact the Division for further information about submitting the surety. All mining operations are required to furnish and maintain reclamation surety to guarantee that the land affected is reclaimed (Utah Code Ann. §40-8-7(1)(c)).

The reclamation surety amount is based on the nature, extent and duration of operations. The amounts are based on data from current large mine surety and are used as a general guide, along with actual site conditions. Reclamation surety for small mines is reviewed every three (3) or five (5) years and adjusted as necessary for inflation/deflation based upon acceptable Costs index. Contact the Division for the dollar amount required for a three (3) or five (5) year period for this project.

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VII. SIGNATURE REQUIREMENT**CERTIFICATION**

I state under penalty of perjury under the laws of the state of Utah and the United States of America that:

- a. I have read this form and declare the information, statements and/or documentation are true, correct and complete to the best of my knowledge and belief; AND
- b. I commit to the reclamation of the aforementioned small mining project as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.
- c. **This certification must be signed by:** (1.) an executive officer if the applicant is a corporation; (2.) a partner if applicant is a partnership (general or limited); (3.) the owner if applicant is a sole proprietorship; or (4.) the member or manager if applicant is a limited liability company.

Signature: Date: 4/29/15

Name (typed or printed):

SANDRA K. SULLIVAN

Title/Position (if applicable):

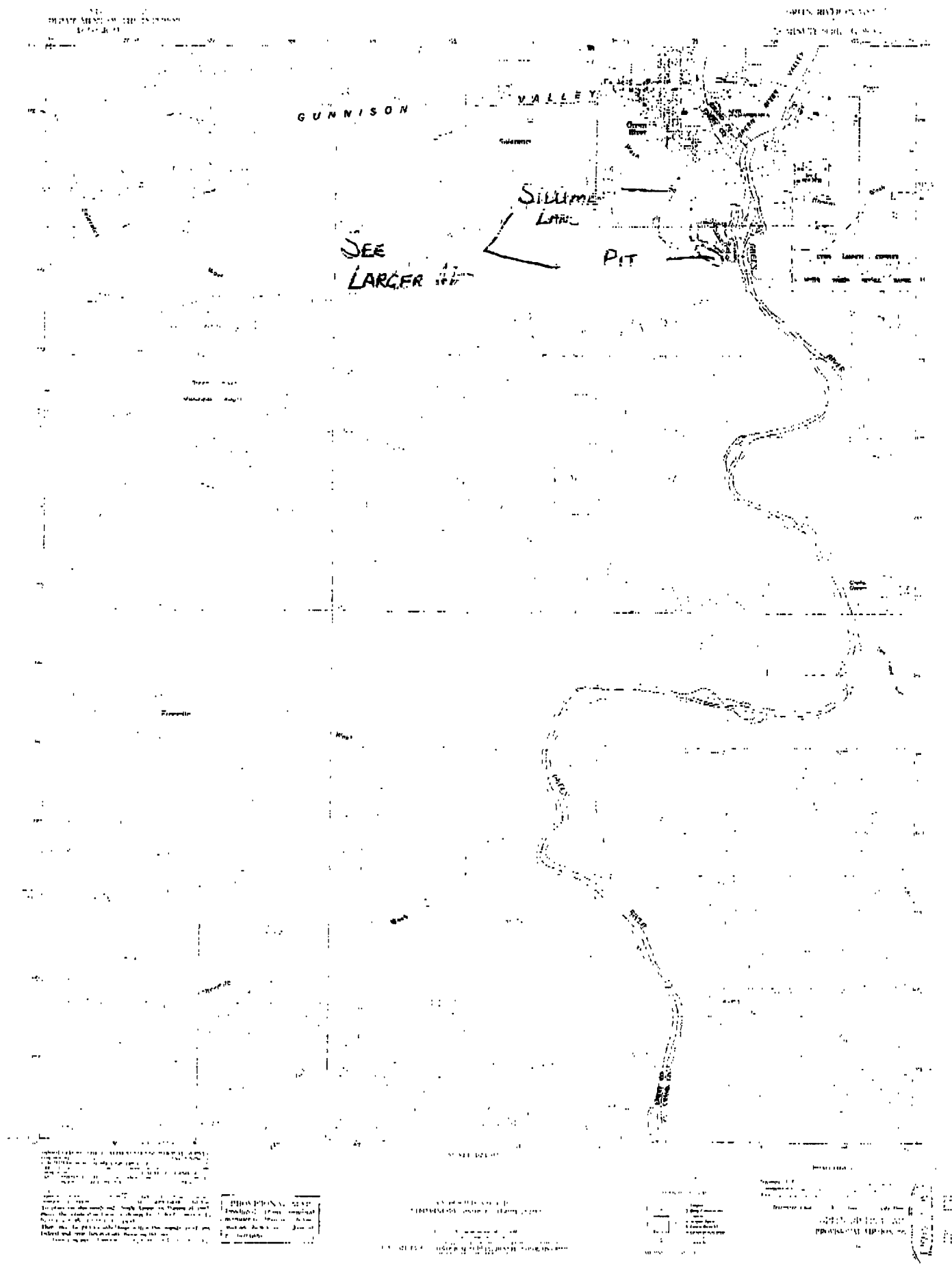
OWNER

Scale 1:2000

Sillaman Pit Green River

8.819 Acres







GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Julie Fisher
*Executive Director
Department of
Heritage & Arts*



Utah Division of
State History

Brad Westwood
Director

RECEIVED JUN 30 2014

June 25, 2014

David C. Brown
State Conservationist
Natural Resources Conservation Service
125 South State Street, Room 4010
Salt Lake City Utah 84138-1100

RE: Green River Diversion Rehabilitation EWP Rock Source, Emery County, Utah

For future correspondence, please reference Case No. 14-0760

Dear Mr. Brown:

The Utah State Historic Preservation Office received your request for our comment on the above-referenced undertaking on June 24, 2014. From the information you provided, it appears that no cultural resources were located in the undertaking's Area of Potential Effects. We concur with your determination of No Historic Properties Affected, §36CFR800.4(d)(1) for the undertaking.

This letter serves as our comment on the determinations you have made, within the consultation process specified in §36CFR800.4. If you have questions, please contact me at 801-245-7263 or Lori Hunsaker at 801-245-7241 lhunsaker@utah.gov.

Sincerely,

Chris Merritt, Ph.D.
Senior Preservation Specialist
cmerritt@utah.gov

**Natural Resources Conservation Service****UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE, UTAH****Summary Report of Cultural Resources Inventory**

1. **Project Name:** Cultural Resources Inventory, Green River Diversion Rehabilitation EWP Rock Source, Emery County, Utah
2. **Utah Division of State History Project Number:** U-14-SH-0494p
3. **Report Date:** June 6, 2014
4. **Date(s) of Survey:** May 12, 2014
5. **Responsible Individuals**

Principal Investigator:	Andrew M. Williamson
Field Supervisor:	Grant Carlos Smith
Report Author(s):	Grant Carlos Smith
6. **Fieldwork Location:**

County:	Emery		
USGS Maps:	Green River, Utah 7.5 Minute Series quadrangle		
Township:	21 South	Range: 16 East	Section(s): 21
7. **Description of the Area of Potential Effects (APE):**
In general the APE is located just south of the town of Green River, Utah immediately above the west-side flood plain of the Green River. It is situated between agricultural land, sewage settling ponds, and the right-of-way for US Interstate 70. An outcrop of sandstone above the flood plain is being used as a private rock source, and much of the ground surface within the APE has been affected by mechanical disturbance. Two outcrops of sandstone are the target sources for rock that will be used in the Green River Diversion Rehabilitation EWP Project (Smith 2013).
8. **Literature Review Summary:**
A records search was completed with the Utah Division of State History (UDSH) on May 12, 2014. Reviews of General Land Office (GLO) plat maps and the National Register of Historic Places (NRHP) database were also completed. No sites or previous surveys were identified within the project APE.
9. **Area Inventoried for Cultural Resources:**

	PRIVATE	FEDERAL	STATE	TOTAL ACREAGE
Intensive:	10.5	-	-	10.5

10. Description of Inventory Methods:

NRCS Area Cultural Resources Specialist (CRS) Grant Carlos Smith completed a systematic inventory of the undertaking on May 12, 2014. All areas of proposed ground disturbance were intensively surveyed in transects spaced approximately 50 feet (15 meters) apart. The CRS used a Garmin, hand-held GPS unit with uploaded shape file data to cover all areas within the proposed rock source.



United States Department of Agriculture
Natural Resources Conservation Service

11. Summary of Findings:

One isolated artifact, a core or tested cobble (IF 01), was identified during the inventory, but no archaeological sites were found.

12. Project Summary:

A private rock quarry owned by Mr. Mike Silliman of Green River, Utah will be a source for material used during rehabilitation work on the Green River Diversion Project. The rock is being donated by Mr. Silliman and will be used as a matching contribution by Emery County to cover a portion of the cost of the diversion rehabilitation. Since the rock source is connected to another large, federal project (i.e., The Green River Diversion Rehabilitation Project), a cultural resources inventory was needed to take into account the effects of the undertaking on historic properties that may be affected per 36 CFR Part 800 of the National Historic Preservation Act of 1966, as amended. The APE for the rock source encompasses approximately 10.5 acres.

The quarry is located on private land in the E ½ of the NE ¼ of the NE ¼ of Section 21, T21S, R16E of the Salt Lake Base Meridian. As shown in Figure 1 the location of the undertaking is depicted on the Green River, UT 7.5 Minute Series USGS topographic quadrangle.

Records searches were completed prior to field work using the Utah Division of State History (UDSH) Historic Data Management System, online. Additional, reviews of GLO plat maps and the NRHP online search were also completed. No surveys had been completed within the project APE prior to the current investigation, and no sites were identified. Two linear surveys had been completed within one half-mile of the project APE (Table 1).

Table 1. Surveys and cultural resources findings within one half-mile of the project APE.

Project Title	UDSH Project No.	Findings within one half-mile of APE
Seislines 40, 41, 42 & 42b, South of Green River	U-87-AS-0217	No findings
Williams Pipeline	U-00-ST-0740	No findings

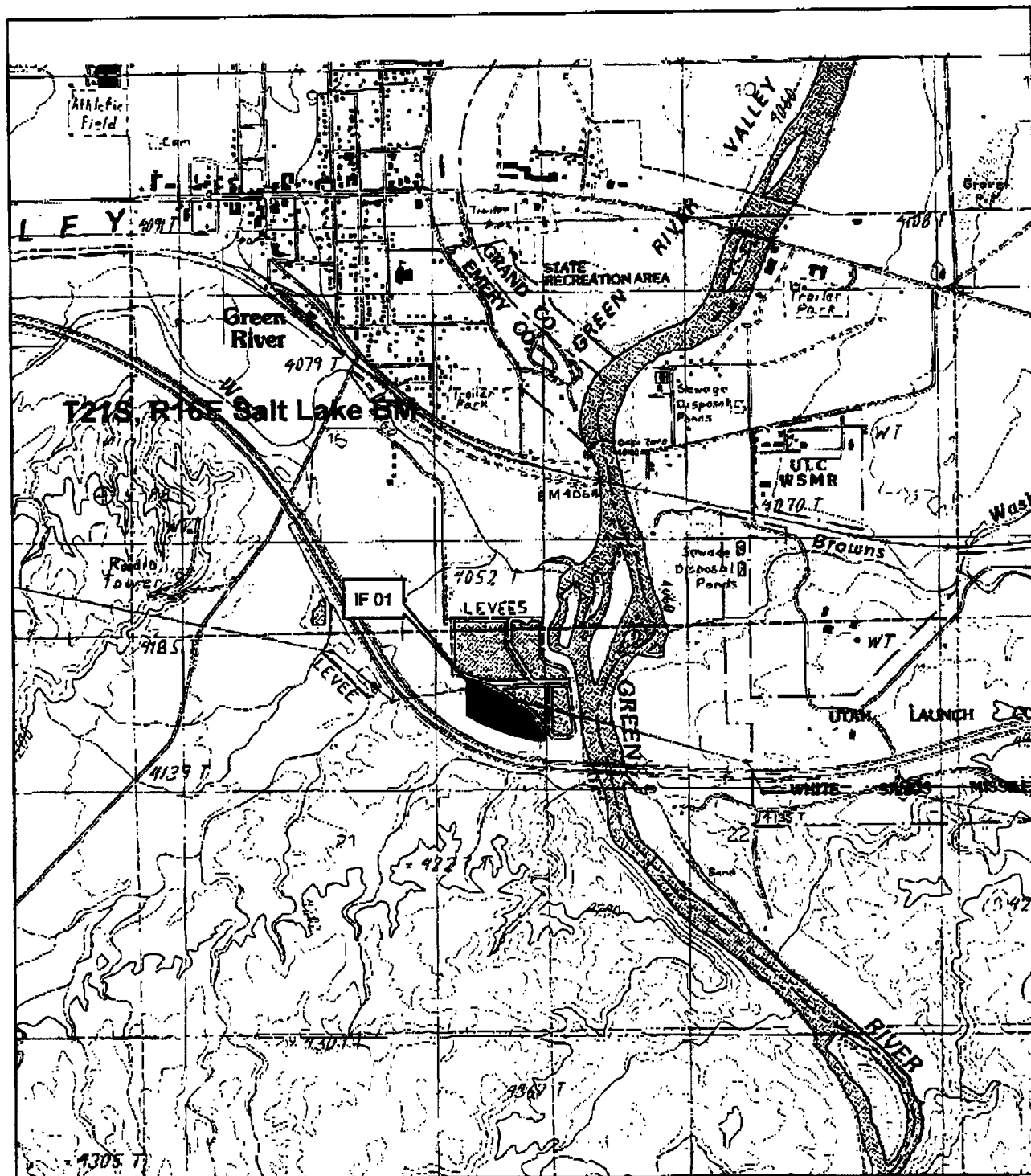
A pedestrian inventory of the APE was completed by NRCS Area CRS Grant Carlos Smith on May 12, 2014 under authority of Utah Public Lands Policy Coordination Office (PLPCO) Archaeological Survey Permit No. 54 and Utah Antiquities Project No. U-14-SH-0494p. The APE within each work area was intensively examined in transects spaced no greater than 50-feet (15 meters) apart.

A single isolated artifact was identified during the inventory. IF 01 is a bifacially flaked core or tested cobble made from light tan quartzite (a river cobble) (Figure 2). It is located along the extreme northeastern margin of the APE next to an access road, and it is unlikely that mechanical extraction will occur in this area during the current project. The core or tested cobble was likely used on the spot and not transported. No other artifacts were in association with the lithic tool. Besides the isolated find nothing but

13. Management Summary:

The NRCS recommends that the quarry work commence with a determination of "no historic properties affected". The NRCS investigation of the undertaking is considered sufficient for locating and documenting cultural resources that may be present within the APE and that are available for

Green River Diversion Rehabilitation EWP Rock Source, Emery County, Utah
Utah Division of State History Project No. U-14-SH-0494p



Legend



Project APE

0 200 400 800 1,200 1,600 Meters

1:24,000

Basemap taken from the Green River, UT
7.5 minute USGS topographic quadrangle

Natural Resources Conservation Service, 2014

Figure 1. Project overview map showing the location of the APE and one isolated find.

Report U-14-SH-0494p, Page 4



United States Department of Agriculture
Natural Resources Conservation Service



Figure 2. IF 01 is a core or tested cobble. It was the only artifact identified during the pedestrian survey.

13. Management Summary (continued): visual inspection. The NRCS Area CRS has notified NRCS field personnel that work should cease immediately and that contact should be made with the CRS in the event that cultural materials are discovered during quarrying.

14. References:

Smith, Grant Carlos

2013 *Cultural Resources Survey for the Green River Diversion Rehabilitation, Grand and Emery Counties, Utah*. USDA Natural Resources Conservation Service, Utah. Utah Division of State History Project No. U-13-SH-0354bps, copies available from USDA NRCS, Salt Lake City.

*** FAX RX REPORT ***

RECEPTION OK

JOB NO.	5137
DESTINATION ADDRESS	4355643281
SUBADDRESS	
DESTINATION ID	
ST. TIME	04/23 13:28
TX/RX TIME	05' 44
PGS.	15
RESULT	OK